

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES P58081 **DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** TE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/KR2004/002265 7 September 2004 KR 10-2004-0002600 TITLE OF INVENTION Gas Control/Block Valve And Automatic Circulation Device Of Warm Water Using The Gas Valves APPLICANT(S) FOR DO/EO/US YOUNG-GYU RHO Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. PTO-1449 11. 🖊 12. 🔽 An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. 🛂 A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. 🔽 A power of attorney and/or change of address letter. (contained in the Declaration) A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

			INTERNATIONAL APP	INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/200109			PCT/KR2004/002265		P58081		
20. Other items or information: PTO-1449 and photocopies of the references cited in the PTO-1449 WO 2005/068911 A1							
The following fees have been submitted					CALCULATIONS	PTO USE ONLY	
The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))				\$300	\$ 300.00	I TO OSE ONET	
					300.00		
22. Examination fee (37 CFR 1.492(c))							
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200					\$ 200.00		
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 500.00		
TOTAL OF 21, 22 and 23 =							
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets		additional 50 or fraction RATE p to a whole number)				
- 100 =	/50 =			x \$250	\$ n/a	1	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ n/a		
CLAIMS NUMB		ER FILED	NUMBER EXTRA	RATE	\$		
Total claims	1	0 - 20 =		x \$ 50	\$ n/a		
Independent claims 3		- 3 =		x \$200	\$ n/a		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				\$ n/a			
TOTAL OF ABOVE CALCULATIONS =					\$ 1,000.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.							
SUBTOTAL =					\$ 500.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +					\$ N/A		
TOTAL NATIONAL FEE =					\$ 500.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$ 40.00		
TOTAL FEES ENCLOSED =					\$ 540.00		
					Amount to be refunded:	\$	
					Amount to be charged	\$	

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to a collection of information unless it displays a valid OMB control number. a. \triangle A check in the amount of \$ 500.00 (#51103) to cover the above fees is enclosed. \$40.00 (#51104) __ to cover the above fees. Please charge my Deposit Account No. in the amount of \$ ___ A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. $\underline{02-4943}$. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Robert E. Bushnell NAME 27,774 REGISTRATION NUMBER

Customer No. 008439

Attorney's Docket No. P58081 PCT/KR2004/002265 filed 7 September 2004 PTO/SB/17 (01-06)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete If Known FEE TRANSMITTAL Application Number to be assigned Patent fees are subject to annual revision. 14 July 2006 Filing Date YOUNG-GYU RHO First Named Inventor I.A. Filing Date 7 September 2004 I.A. No. PCT/KR2004/002265 TOTAL AMOUNT OF PAYMENT P58081 Attorney Docket No. (\$) 540.00**FEE CALCULATION METHOD OF PAYMENT (check one)** Fee Fee Fee Fee 1. ■ Payment Enclosed: Fee Description Code (\$) Code (\$) Paid (CHECK #51103 & #51104) ■ Check □ Credit Card □ Money Order **MISCELLANEOUS** □ Other Request for continued examination (RCE) 1801 \$790 2801 \$395 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. 1806 \$180 Submission of an IDS 1814 \$130 2814 \$65 Statutory disclaimer Applicant claims small entity status. See 37 CFR 1.27 8021 \$40 Recordation of assignment per property \$ 40.00 TRADEMARK 2. The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: 6001/7001 \$335 Application for registration, per class 6002/7002 \$100 Amendment to Allege Use, per class Deposit Account Number: 02-4943 6003/7003 **FEE CALCULATION** \$100 Statement of Use, per class Fee 6004/7004 \$150 Request for six-month extension of time, per class \$ Fee Fee Fee Fee Code (\$) **Fee Description** Code (\$) Paid 6205/7205 \$100 §8 affidavit, per class **EXTENSION OF TIME FEES** 6208/7208 \$200 §15 affidavit, per class 6201/7201 1251 120 2251 60 Extension for reply within first month \$400 Application for renewal, per class 1252 450 2252 225 6403/7403 \$100 Ex parte appeal, per class Extension for reply within second month \$ **PETITION** 1253 1020 2253 510 Extension for reply within third month 1254 1590 795 1462 \$400 Petitions to Director (Group I) 2254 Extension for reply within fourth month 1463 1255 2160 2255 1080 Extension for reply within fifth month \$200 Petitions to Director (Group II) APPEAL 1464 \$130 Petitions to Director (Group III) 1452 \$500 2452 \$250 1401 500 2401 250 Notice of Appeal Petitions to revive unavoidably abandoned \$ application 500 Filing a brief in support of an appeal \$1500 2453 \$750 Petitions to revive unintentionally abandoned \$ 1402 2402 250 1453 application 500 \$ PATENT MAINTENANCE 1403 1000 2403 Request for oral hearing **CLAIMS** 1551 \$900 2551 \$450 Due at 3.5 years 1614 200 Independent claims in excess of 3 \$ 1552 \$2300 2552 \$1150 2614 100 Due at 7.5 years 1615 50 2615 claims in excess of 20 1553 \$3800 2553 \$1900 Due at 11.5 years Other Fee (specify) S Other Fee (specify) 1631/2631 Basic National Stage Fee \$ Other Fee (specify) 1641/2641 National Stage Search Fee Other Fee (specify) _ \$250.00 Other Fee (specify) \$ Other Fee (specify) 1633/2633 National Stage Examination Fee \$100.00 SUBTOTAL: LEFT COLUMN \$ 0.00 SUBTOTAL: RIGHT COLUMN \$540.00 **SUBMITTED BY** Complete (if applicable) Typed or Printed Name Robert E. Bushnell, Esq. Reg. Number 27,774

Signature

14 July 2006

Deposit Account

User ID

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: YOUNG-GYU RHO

U.S. Serial No.: to be assigned Examiner: to be assigned

International Application No.: PCT/KR2004/002265 filed on 7 September 2004

U.S. Filing Date: to be determined Art Unit: to be assigned

For: GAS CONTROL/BLOCK VALVE AND AUTOMATIC CIRCULATION DEVICE OF

WARM WATER USING THE GAS VALVES

TRANSMITTAL OF DECLARATION

Mail Stop: PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

Robert E. Bushnell,

Attorney for the Applicant Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005 (202) 408-9040

Folio: P58081 Date: 14 July 2006 I.D.: REB/ny